

Pre-TIMM ISHAM Workshop

Malassezia identification methods. Advances in Epidemiology and Genomics

Faculty Members

Teun Boekhout (Netherlands)
Tom Dawson (USA)
Eveline Guého (France)
Jacques Guillot (France)
George Gaitanis (Greece)
Suzana Hadina (Croatia)
Prokopis Magiatis (Greece)
Takashi Sugita (Japan)
Aristea Velegraki (Greece)

Scientific program

Friday, 16 October 2009

9.00-9.45

Registration

9.45-9.55

Welcome and Introduction. **A. Velegraki**

9.55-10.45

The genus *Malassezia*. Life history and present status. **E. Guého**

10.45-11.30

Malassezia skin diseases in Man and clinical significance of the new *Malassezia* species. **G. Gaitanis**

11.30-12.00 Coffee break

12.00-12.45

Malassezia yeasts on the skin of animals. Clinical significance, epidemiology and economic implications. **G. Guillot**

12.45-13.30

Factors influencing *Malassezia* yeast proliferation on animal skin. **S. Hadina**

13.30-14.30 Light buffet lunch

14.30-15.15

The underlying genomics and pathobiology in seborrheic dermatitis and dandruff. **T. Dawson**

15.15-15.30 Coffee break

15.30-16.15

Molecular tools in studying *Malassezia* phylogenetics. A global perspective. **T. Boekhout**

16.15-17.00

Direct detection and identification of *Malassezia* species by quantitative real-time PCR. Can it establish a causal relationship between *Malassezia* yeasts and the associated skin diseases? **T. Sugita**

17.00-17.30

The Chemistry *Malassezia* bioactive metabolites and their role of in human disease. **P. Magiatis**

17.30 -17.50

Malassezia bloodstream infections and the utility of susceptibility testing. Where we stand and what is to be done. **A. Velegraki**

Saturday, 17 October 2009



Practical sessions

Supervised by Faculty members and supported by staff Technicians

9.00-9.30 Introduction E. Guého

9.30-11.00

Classical identification methods for *Malassezia* yeasts in the clinical laboratory

11.00-11.15 Coffee break

11.15-12.45

Rapid molecular identification and typing methods (PCR-RFLP & minisatellite typing) from pure *Malassezia* cultures.

12.45-13.45 Buffet Lunch

13.45-14.45

Reading results of classical identification tests

14.45- 15.45

Reading molecular identification and typing results

15.45-16.00 Coffee break

16.00-16.45

Currently proposed microdilution susceptibility testing methods and pitfalls in reading susceptibility plates. Practice with pre-inoculated and pre-incubated microplates.

16.45-17.30

Question time and handing in Course evaluation sheets.

17.30-18.00

Farewell and distribution of certificates to participants.